

ISOTRON (R) 13

MSDS Number

BHCMK

National Stock Number

6830-00-035-6183

Product Name

ISOTRON (R) 13

Manufacturer

PENNWALT CORP

Product Identification

Product ID:ISOTRON (R) 13

MSDS Date:03/12/1986

FSC:6830

NIIN:00-035-6183

MSDS Number: BCHMK

Responsible Party

PENNWALT CORPORATION

THREE PARKWAY

PHILADELPHIA , PA 19102

US

Emergency Phone: 215-587-7711

Info Phone: 215-587-7711

Preparer: TOM DOYLE

Cage: 7K913

Contractor

PENNWALT CORPORATION/ELF ATOCHEM NORTH AMERICA

PHILADELPHIA, PA 19102

215-587-7711

Cage: 7K913

Ingredients

CHLOROTRIFLUOROMETHANE

CAS: 75-72-9

RTECS: PA6410000

Fraction By Weight: 100%

Hazards

LD50 LC50 Mixture:LD50 ORAL RAT >1000 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE IRRITATION OF EYES AND SKIN AND MILD CONJUNCTIVITIS.INHALING CONCENTRATED VAPORS CAN CAUSE DEATH DUE TO ASPHYXIATION.VAPORS CAN SENSITIZE THE HEART TO EPINEPHRINE WHICH MAY CAUSE IT TO STOP SUDDENLY UPON PHYSICAL EXERTION OR EXCITEMENT.

Effects of Overexposure:EYES/SKIN:IRRITATION,MILD CONJUNCTIVITIS.

INHALATION:DIZZINESS,UNCONSCIOUSNESS,DIFFICULTY IN BREATHING,AND DEATH DUE TO ASPHYXIATION.

Medical Cond Aggravated by Exposure:PEOPLE WITH KNOWN HISTORY OF HEART

DISEASE OR IRREGULARITIES OF HEARTBEAT SHOULD BE PARTICULARLY CAREFUL TO AVOID EXPOSURE TO THESE VAPORS.

First Aid

First Aid:EYES/SKIN:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.GET MEDICAL ATTENTION. INHALATION:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.GET MEDICAL ATTENTION.

Fire Fighting

Extinguishing Media:AS APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST WHEN EXPOSED TO HEAT OF FIRE. MAY DECOMPOSE IN CONTACT WITH FLAMES,RELEASING IRRITATING,TOXIC AND CORROSIVE GASES.

Accidental Release

Spill Release Procedures:WEAR SCBA.EVACUATE PERSONNEL.DISPERSE GAS WITH FLOOR-LEVEL FORCED AIR VENTILATION OR WATER SPRAY.

Handling

Handling and Storage Precautions:DO NOT STORE NEAR HEAT OR IN DIRECT SUNLIGHT.KEEP CONTAINERS BELOW 120F (49C).KEEP CONTAINERS CLOSED.
Other Precautions:DO NOT BREATHE GAS.EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES.

Exposure Controls

Respiratory Protection:SELF-CONTAINED SUPPLIED-AIR RESPIRATOR.
Ventilation:LOCAL EXHAUST.
Protective Gloves:RUBBER.
Eye Protection:GOGGLES.
Other Protective Equipment:NONE.
Work Hygienic Practices:STANDARD HYGENIC PRACTICES.
Supplemental Safety and Health
NONE.

Chemical Properties

HCC:G3
Vapor Density:3.6
Solubility in Water:SLIGHT
Appearance and Odor:CLEAR COLORLESS GAS WITH FAINT ETHER-LIKE ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ALKALIES OR ALKALINE EARTH METALS SUCH AS POWDERED ALUMINUM,ZINC,ETC.
Stability Condition to Avoid:HIGH TEMPERATURES,OPEN FLAMES.
Hazardous Decomposition Products:HYDROGEN FLUORIDE,HYDROGEN CLHORIDE,CHLORINE.

Disposal

Waste Disposal Methods:BEST TO RECYCLE OR RECLAIM PRODUCTS,IF POSSIBLE. MAY BE INCINERATED IN OIL-FIRED FURNACE BUT TOXIC AND CORROSIVE COMBUSTION GASES MUST BE HANDLED.CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER.FOLLOW ALL AP PLICABLE FEDERAL,STATE AND LOCAL REGULATIONS.

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